

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Group Art Unit No.: 2132

Andrew G. Tucker, et al.

Examiner: Perungavoor, V.

Serial No.: 10/763,147

Patent No.: 7,437,556

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Patent Date: October 14, 2008

For: GLOBAL VISIBILITY CONTROLS FOR  
OPERATING SYSTEM PARTITIONS

**REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322**

Certificate of Correction Branch  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed herein is a proposed Certificate of Correction to correct errors in claim 3 of the issued patent. As evidenced by the attached copy of the Claims Appendix that was filed with the appeal brief (which shows the claims as they were eventually allowed), claim 3 as it currently stands is inconsistent with claim 3 as it was allowed. The proposed Certificate of Correction corrects this error. Since this error was not on the part of the Applicants, no fee is required.

It is respectfully requested that the Certificate of Correction be issued.

Respectfully submitted,

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CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 7,437,556  
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INVENTOR(S) : Andrew G. Tucker, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 3, lines 1-2, replace "The method of claim 1, the second process executing within the global zone to cross zone boundaries; and" with

--The method of claim 1, further comprising:  
receiving a request from the second process executing within the global zone to cross zone boundaries; and--

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## VIII. Claims Appendix

1. (Previously Presented) A method comprising:  
establishing a global zone, wherein the global zone is a global operating system environment that can support execution of one or more processes;  
establishing a non-global zone within the global zone, wherein the non-global zone is a partition of the global operating system environment, wherein the non-global zone operates as a separate and distinct operating system environment, and wherein the non-global zone can support execution of one or more processes;  
isolating a first process executing within the non-global zone to the non-global zone so that the first process does not have visibility or access to processes and objects that are not associated with the non-global zone;  
permitting a second process executing within the global zone to have visibility and access to processes and objects associated with the global zone; and  
permitting the second process executing within the global zone to have access to processes and objects associated with the non-global zone, if the second process has a privilege to cross zone boundaries.
2. (Previously Presented) The method of claim 1, further comprising:  
permitting the second process executing within the global zone to have visibility of processes and objects associated with the non-global zone without requiring the second process to have the privilege to cross zone boundaries.

3. (Previously Presented) The method of claim 1, further comprising:  
receiving a request from the second process executing within the global zone to  
cross zone boundaries; and  
granting the second process the privilege to cross zone boundaries, if the second  
process is authorized to receive such a privilege.
4. (Previously Presented) The method of claim 1, wherein the non-global zone has a  
first zone identifier associated therewith, wherein processes and objects associated  
with the non-global zone have the first zone identifier associated therewith, and  
wherein isolating the first process to the non-global zone comprises:  
allowing the first process executing within the non-global zone to view or access  
a target process or object only if the target process or object has the first  
zone identifier associated therewith.
5. (Previously Presented) The method of claim 4, wherein the global zone has a  
second zone identifier associated therewith, wherein processes and objects  
associated with the global zone have the second zone identifier associated  
therewith, and wherein permitting the second process to have visibility and access  
to processes and objects associated with the global zone comprises:  
allowing the second process executing within the global zone to view and access  
an intended process or object if the intended process or object has the  
second zone identifier associated therewith.

6. (Previously Presented) The method of claim 1, further comprising:  
receiving an identifier indicating a zone selected from at least one of the global  
zone and the non-global zone; and  
mounting file system resources comprising processes to be executed in the zone  
indicated by the identifier to a portion of a file system associated with the  
zone indicated by the identifier;  
thereby enabling the processes of the file system resources to obtain at least one  
of visibility and access to objects within the zone corresponding to the  
identifier.
7. (Original) The method of claim 6, wherein the file system resources are mounted  
to a subdirectory of a root directory of a portion of a file system associated with  
the zone indicated by the identifier; thereby enabling processes expecting a tree  
like directory structure to execute within the zone indicated by the identifier.
8. (Original) The method of claim 6, further comprising:  
enabling select processes to be visible to all other processes in the global zone and  
the non-global zone.
9. (Previously Presented) The method of claim 6, wherein file system resources  
comprise processes to be executed in any zone, the method further comprising:

receiving a request by a requesting process to access processes in the file system resources; and

limiting access to processes in the file system resources based upon the requesting process' relationship with a zone indicated in the request;

thereby enabling the processes of the file system resources to obtain at least one of visibility and access to objects within the zone corresponding to the identifier.

10. (Original) The method of claim 1, further comprising:  
providing information about the zone with which a process is associated based upon identity of a requesting process and relationship between the requesting process and the zone.
11. Canceled
12. Canceled
13. (Previously Presented) A computer readable storage medium, comprising:  
instructions for causing one or more processors to establish a global zone,  
wherein the global zone is a global operating system environment that can support execution of one or more processes;  
instructions for causing one or more processors to establish a non-global zone within the global zone, wherein the non-global zone is a partition of the

global operating system environment, wherein the non-global zone operates as a separate and distinct operating system environment, and wherein the non-global zone can support execution of one or more processes;

instructions for causing one or more processors to isolate a first process executing within the non-global zone to the non-global zone so that the first process does not have visibility or access to processes and objects that are not associated with the non-global zone;

instructions for causing one or more processors to permit a second process executing within the global zone to have visibility and access to processes and objects associated with the global zone; and

instructions for causing one or more processors to permit the second process executing within the global zone to have access to processes and objects associated with the non-global zone, if the second process has a privilege to cross zone boundaries.

14. (Previously Presented) The computer readable storage medium of claim 13, further comprising:

instructions for causing one or more processors to permit the second process executing within the global zone to have visibility of processes and objects associated with the non-global zone without requiring the second process to have the privilege to cross zone boundaries.



15. (Previously Presented) The computer readable storage medium of claim 13, further comprising:
- instructions for causing one or more processors to receive a request from the
- second process executing within the global zone to cross zone boundaries;
- and
- granting the second process the privilege to cross zone boundaries, if the second process is authorized to receive such a privilege.
16. (Previously Presented) The computer readable storage medium of claim 13, wherein the non-global zone has a first zone identifier associated therewith, wherein processes and objects associated with the non-global zone have the first zone identifier associated therewith, and wherein the instructions for causing one or more processors to isolate the first process to the non-global zone comprises:
- instructions for causing one or more processors to allow the first process
- executing within the non-global zone to view or access a target process or object only if the target process or object has the first zone identifier associated therewith.
17. (Previously Presented) The computer readable storage medium of claim 16, wherein the global zone has a second zone identifier associated therewith, wherein processes and objects associated with the global zone have the second zone identifier associated therewith, and wherein the instructions for causing one

or more processors to permit the second process to have visibility and access to processes and objects associated with the global zone comprises:

instructions for causing one or more processors to allow the second process

executing within the global zone to view and access an intended process or object if the intended process or object has the second zone identifier associated therewith.

18. (Previously Presented) The computer readable storage medium of claim 13, further comprising:

instructions for causing one or more processors to receive an identifier indicating a zone selected from at least one of the global zone and the non-global zone; and

instructions for causing one or more processors to mount file system resources comprising processes to be executed in the zone indicated by the identifier to a portion of a file system associated with the zone indicated by the identifier.

19. (Previously Presented) The computer readable storage medium of claim 18, wherein the file system resources are mounted to a subdirectory of a root directory of a portion of a file system associated with the zone indicated by the identifier;

thereby enabling processes expecting a tree like directory structure to execute within the zone indicated by the identifier.

20. (Previously Presented) The computer readable storage medium of claim 18,  
further comprising:  
instructions for causing one or more processors to enable select processes to be  
visible to all other processes in the global zone and the non-global zone.
21. (Previously Presented) The computer readable storage medium of claim 18,  
wherein file system resources comprise processes to be executed in any zone, and  
wherein the computer readable storage medium further comprises:  
instructions for causing one or more processors to receive a request by a  
requesting process to access processes in the file system resources; and  
instructions for causing one or more processors to limit access to processes in the  
file system resources based upon a requesting process' relationship with a  
zone indicated in the request.
22. (Previously Presented) The computer readable storage medium of claim 13,  
further comprising:  
instructions for causing one or more processors to provide information about the  
zone with which a process is associated based upon identity of a  
requesting process and relationship between the requesting process and the  
zone.
23. Canceled

24. Canceled

25. (Previously Presented) An apparatus, comprising:

means for establishing a global zone, wherein the global zone is a global

operating system environment that can support execution of one or more processes;

means for establishing a non-global zone within the global zone, wherein the non-

global zone is a partition of the global operating system environment, wherein the non-global zone operates as a separate and distinct operating system environment, and wherein the non-global zone can support execution of one or more processes;

means for isolating a first process executing within the non-global zone to the non-global zone so that the first process does not have visibility or access to processes and objects that are not associated with the non-global zone;

means for permitting a second process executing within the global zone to have visibility and access to processes and objects associated with the global zone; and

means for permitting the second process executing within the global zone to have access to processes and objects associated with the non-global zone, if the second process has a privilege to cross zone boundaries.

26. Canceled

27. (Previously Presented) A system, comprising:

one or more processors; and

a storage comprising:

instructions for causing the one or more processors to establish a global zone, wherein the global zone is a global operating system environment that can support execution of one or more processes;

instructions for causing the one or more processors to establish a non-global zone within the global zone, wherein the non-global zone is a partition of the global operating system environment, wherein the non-global zone operates as a separate and distinct operating system environment, and wherein the non-global zone can support execution of one or more processes;

instructions for causing the one or more processors to isolate a first process executing within the non-global zone to the non-global zone so that the first process does not have visibility or access to processes and objects that are not associated with the non-global zone;

instructions for causing the one or more processors to permit a second process executing within the global zone to have visibility and access to processes and objects associated with the global zone;

and

instructions for causing the one or more processors to permit the second process executing within the global zone to have access to processes and objects associated with the non-global zone, if the second process has a privilege to cross zone boundaries.